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score greater than or equal to the score of the result being pu
and is derived by analysis of the total score distribution.
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ALIGNMENTS

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TIGR; trabecular meshwork induced glucocorticoid response protein; human; diagnosis; glaucoma; polymorphism; steroid sensitivity; ss.
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                                09-JAN-1998;
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26-SEP-1997;
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                                    This sequence is a trabecular meshwork induced glucocorticoid response protein (TIGR) promoter mutant, TIGRmt2, which is used in a method for diagnosing glaucoma in a patient. The method involves the detection of polymorphisms whose presence is predictive of a mutation affecting TIGR response in the patient and can be diagnostic of glaucoma or steroid sensitivity. Base substitutions and base additions upstream of and with TIGR exons can also be used to diagnose glaucoma.
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97US-0791154
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/*tag= a
/note= "Wild-type G
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pma; polymorphism; steroid sensitivity; mutant; ss
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Query Match 85.5%;
Best Local Similarity 99.9%;
Matches 5297; Conservative
                                                                                    This sequence is a trabecular meshwork induced glucocorticoid response protein (TIGR) promoter mutant, TIGRmt5, which is used in a method for diagnosing glaucoma in a patient. The method involves the detection of polymorphisms whose presence is predictive of a mutation affecting TIGR response in the patient and can be diagnostic of glaucoma or steroid sensitivity. Base substitutions and base additions upstream of and withing TIGR exons can also be used to diagnose glaucoma.
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Matches 5297; Conservative
                                                        This sequence is a trabecular meshwork induced glucocorticoid response protein (TIGR) promoter variant, TIGRSv1, which is used in a method for diagnosing glaucoma in a pattent. The method involves the detection of polymorphisms whose presence is predictive of a mutation affecting TIGR response in the patient and can be diagnostic of glaucoma or steroid sensitivity. Base substitutions and base additions upstream of and within TIGR exons can also be used to diagnose glaucoma.
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Best Local Similarity
Matches 2736; Conserv
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61

Query Match
Best Local Similarity
Matches 1002; Conserv

Conservative

0,

15.8%; 98.4%;

Score 975.2; Pred. No. 1.8e 0; Mismatches

.8e-216; DB

Indels Length

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120

catccaggcacctctcagcacagcagagctttccagaggaagcctcaccaagcctctgca

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This represents the genomic sequence of the human GLCIA gene which is associated with juvenile open angle glaucoma (JOAG). The gene can be us for the development of assays for identifying molecules that modulate (agonists or antagonists) the bioactivity of a functional or mutant gen or protein. Modulators may be an antibody, protein, peptide or peptideminetic or a nucleic acid, e.g. antisense sequence, ribozyme or triple helix forming nucleic acid. These molecules can be administered a subject with glaucoma or at risk for developing glaucoma to prevent or reduce the severity of the condition. Derivatives of GLCIA gene can be used to detect lesions of the GLCIA gene which are indicative of glauco or predisposition to glaucoma.
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08-NOV-1996;
30-JAN-1997;
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28-JAN-1997;
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                                                                                                                               This sequence represents the trabecular meshwork induced glucocorticoid response (TIGR) gene, also known as MYCC, which is mapped to the GLCIA locus on chromosome 1q33-q25. The invention relates to the detection of mutant and non-mutant alleles of the TIGR/MYCC gene. Juvenile open-angle glaucoma, in a heterozygotic carrier of TIGR mutations, can be treated by overexpression of mutated TIGR, which renders the phenotype of the patient normal by homoallelic complementation. This method of homoallelic complementation this method of homoallelic complementation allowing the saves where mutant homozygotes are phenotypically normal, e.g. a form of epilepsy and mental retardation linked to chromosome x, which only affects women. The methods can also be used for treating haploinsufficiency.
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                                                                                                                                                                          trabecular meshwork induced glucocorticoid response protein; glaucoma; primary open angle glaucoma; POAG; pigmentary glauc sion glaucoma; intraocular pressure; steroid; corticosteroid
                                                                                                                                                                                                                                          (first entry)
 96US-0649432.
94US-0336235.
95US-0546568.
                                           97US-0882238
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Matches 641
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5361
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Trabecular Meshwork Induced Glucocorticoid Response protein, used
develop products for diagnosing glaucoma-related diseases
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DB; W89391.
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                              aagtcagttctggaggaagaagaagcgactaaggcaagaaatgagaatctggccagg
                                               aagtcagttctggaggaagagaagaagcgactaaggcaagaaaatgagaatctggccagg
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                                                                                                                                                                                                                            This sequence encodes the human Trabecular meshwork induced glucocorticoid response (TIGR) protein. The TIGR protein is a secretory protein specifically bound by the antibody of the invention. The antibody, especially in labelled form, can be used in the diagnosis of glaucoma by detecting elevated levels of the protein in the trabecular meshwork of the eye. Using the antibody, glaucoma is detected more
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94US-0336235.
95US-0546568.
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Pred. No. 6.2e-139;
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P-PSDB; W70496.
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                                                                                                                                                                                                                                                                                                                        glaucoma;
                                                                                     UNIV CALIFORNIA.
                                                                Nguyen
induced in trabecular meshwork cells by glucocorticoids the diagnosis of glaucoma and related diseases
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                                                                                                          97WO-US05391
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                                                                TD
                                                                                                                                                                                                                                                                                                                         diagnosis;
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                                                                 Polansky
                                                                                                                                                                                                                                    "the coding region (minus the stop codon) is also claimed (Claim 5)"
                                                                                                                                                                                                                                                                                                                         glucocorticoid ss.
                                                                                                                                                                                                                                                                                                                                   response*; TIGR*;
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CC trabecular meshwork induced glucocorticoid response* (FIGR*)

CC protein, that is highly induced by glucocorticoids in the cendothelial lining of the human trabecular meshwork (HTM). A CC subtraction screening procedure was used to clone the major controlled and protein itself, molecular meshwork (HTM). A CC dexamethasone-inducible cDNA of HTM cells. TIGR* meshwork (HTM). A CC major induced species. TIFR* CDNA, the protein itself, molecular that bind it, and nucleic acid moleculars that encode it, provide controlled that it is an expecies. TIFR* CDNA, the protein itself, molecular improved methods and reagents for diagnosing glaucoma and related controlled to the capacity of the amount of TIGR* present in the HTM controlled that a cardiovascular and immunological diseases that involves determining if the amount of TIGR* present in the HTM controlled that (a) is capable of hybridising with one of the controlled call molecular that (a) is capable of hybridising with one of the controlled that (a) is capable of hybridising with one of the controlled that (a) is capable of hybridising with one of the controlled that (a) is capable of hybridising with one of the controlled that (a) is capable of hybridising with one of the controlled that (a) is capable of hybridising with one of the controlled that (a) is capable of hybridising with one of the controlled that (a) is capable of hybridising with one of the controlled that (a) is capable of hybridising protein, controlled that (a) is capable of hybridising with one of the controlled that (a) is capable of hybridising with one of the controlled that (a) is capable of hybridising protein coll or the polymorphism, which is diagnostic of glaucoma. Fragments of controlled that controlled the coll or the polymorphism, which is diagnostic of glaucoma. Fragments of controlled that coll described the colled that of the polymorphism which is diagnostic of glaucoma.
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   BP; 539 A; 507
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